TP-LINK®

Wireless N PCI Adapter
TL-WN851N

300Mbps wireless transmission rate with 2 antennas, brings smooth wireless N experience

Adopts MIMO, CCA™ technology, brings competitive performance in Draft 11n routers

QSS, Quick Secure Setup, complies with WPS for effortless wireless security setup

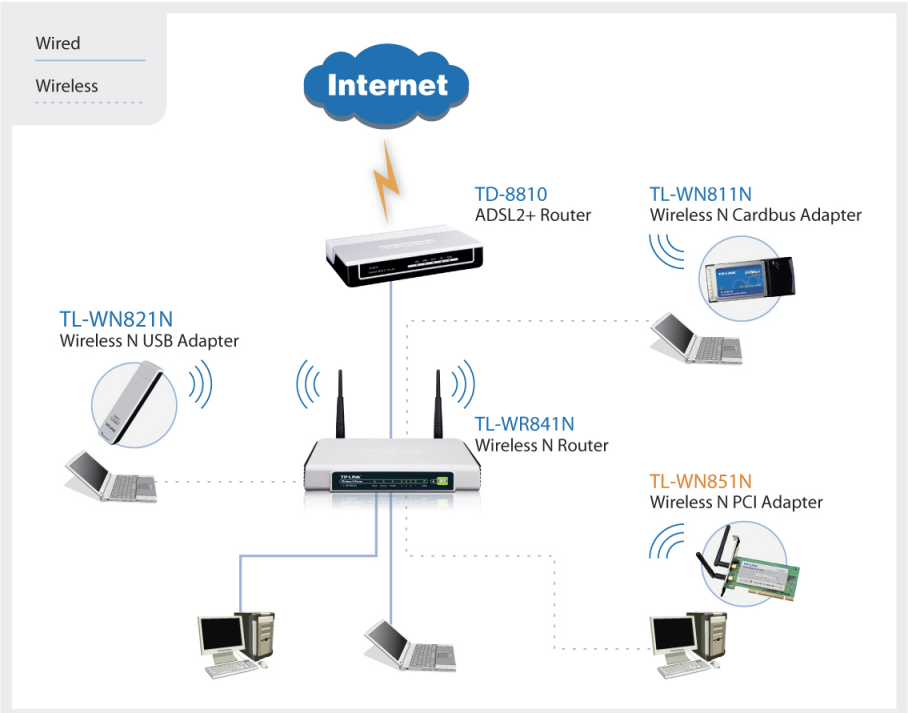
Description:

The TL-WN851N Wireless N PCI Adapter complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 300Mbps. The PCI Card with two external detachable Omni-directional antennas works well with other 11g and 11n protocol wireless products and adopts MIMO technology which can bring a faster, wider, and more stable wireless experience. This product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

Specifications:

Standards	IEEE 802.11n(draft 2.0), IEEE 802.11g, IEEE 802.11b, CSMA/CA with ACK
Interface	32-bit PCI
Wireless Signal Rates With Automatic Fallback	11n: 270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6M（adaptive） 11b: 11/5.5/2/1M（adaptive）
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	20dBm(MAX)
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Receiver Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Antenna	2dBi detachable Omni directional antenna x 2
Security	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Certifications	CE, FCC
Support Operating System	Windows 2000/XP/Vista
Operating temperature	0°C~40°C (32°F~104°F)
Storage temperature	-40°C~70°C (-40°F~158°F)
Relative humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	133 × 121 × 22 (mm) 5.2 × 4.8 × 0.9 (in.)

Diagram:



Features:

- Provides 32-bit PCI connector
- Provides Infrastructure and Ad-Hoc modes
- 300M wireless transmission rate, adopts MIMO, SST™, CCA™ technology, allows for faster speed, further wireless coverage, more stable performance
- Quick Secure Setup, complies with WPS for worry free wireless security
- Supports 64/128/152 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Web-site Configuration and monitoring
- Supports Roaming technology, guarantees efficient wireless connections.
- Supports Windows 2000/XP/Vista

Package:

- Wireless N router TL-WR841N
- Power supply unit (localized to country of sale)
- Resource CD
- Quick Setup Guide

Related Products:

- Wireless N Router TL-WR841N
- Wireless N USB Adapter TL-WN821N
- 54M Wireless ADSL2+ Router TD-W8920G

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